

AMENDMENTS TO THE CLAIMS:

Please cancel claims 1, 2 and 6, amend claims 3, 7 and 11 and add new claims 14-16 as follows:

Claims 1-2. (canceled)

3. (currently amended) A method of performing a mobile-originated reconnect of a mobile unit having experienced a service interruption during a call session controlled by a first mobile switching center (MSC), yielding a suspended call session, the method comprising the first MSC:

- receiving, from a second MSC, a suspended call handoff request;
- querying a database to find indicia of the suspended call session;
- sending to the second MSC a suspended call handoff acknowledgement including information associated with the suspended call session; and
- establishing a bearer channel to the second MSC, so as to facilitate reconnecting the mobile unit to the suspended call session.

4. (original) The method of claim 3, further comprising the second MSC:

- receiving the suspended call handoff acknowledgement; and
- establishing a bearer channel to the mobile unit thereby reconnecting the mobile unit to the call session.

5. (original) The method of claim 3, wherein the step of the first MSC receiving a suspended call handoff request is preceded by the second MSC:

- receiving a mobile-originated reconnect (MORC) message issued by the mobile unit; and
- querying a database for indicia of the call session; and
- sending to the first MSC the suspended call handoff request responsive to not finding indicia of the call session.

Claim 6 (canceled).

7. (currently amended) ~~The method of claim 6, wherein the step of determining that the mobile unit has roamed to a location served by a second MSC comprises:~~ In a wireless communication system wherein a call is established between a mobile unit and one or more participating units, the mobile unit being served by a first mobile switching center (MSC) when a service interruption is detected to the mobile unit, yielding a suspended call session, a method comprising:

- unsuccessfully attempting by the first MSC to page the mobile unit;
- sending from the first MSC to ~~the~~ a second MSC, a suspended call page request;
- responsive to the suspended call page request, attempting by the second MSC to page the mobile unit; and

- if the page is answered, sending from the second MSC to the first MSC a suspended call page response indicating presence of the mobile unit within ~~the~~ a location served by the second MSC; and

- receiving the suspended call page response by the first MSC.

8. (original) The method of claim 7, wherein the suspended call page request includes a session identifier associated with the call, the suspended call page response including the session identifier and bearer channel information associated with the bearer channel established from the second MSC to the mobile unit.

9. (original) The method of claim 7, wherein the suspended call page request includes a mobile unit identifier associated with the mobile unit, the suspended call page response including the mobile unit identifier and bearer channel information associated with the bearer channel established from the second MSC to the mobile unit.

10. (original) The method of claim 7, further comprising:
starting a wait timer defining a waiting period to allow for reconnect of the mobile unit to the call; and
ending the call if the mobile unit is not reconnected to the call before expiration of the waiting period.

11. (currently amended) ~~The method of claim 6, wherein the step of determining that the mobile unit has roamed to a location served by a second MSC comprises:~~ In a wireless communication system wherein a call is established between a mobile unit and one or more participating units, the mobile unit being served by a first mobile switching center (MSC) when a service interruption is detected to the mobile unit, yielding a suspended call session, a method comprising a second MSC:

maintaining a database of session information associated with a plurality of suspended calls;

~~receiving at the second MSC a mobile-originated reconnect (MORC) message issued by the mobile unit, the MORC message including a mobile unit identifier associated with the mobile unit and~~ indicating presence of the mobile unit within the a location served by the second MSC;

querying the database for session information corresponding to the mobile unit identifier;
and

if session information corresponding to the mobile unit identifier is not found, sending from the second MSC to the first MSC, a suspended call handoff request indicating presence of the mobile unit within the location served by the second MSC;~~and~~

~~receiving at the first MSC, the suspended call handoff request.~~

12. (original) The method of claim 11, further comprising the first MSC, responsive to receiving the suspended call handoff request from the second MSC:

retrieving session information associated with the interrupted call of the mobile unit; and

sending to the second MSC, a suspended call handoff acknowledgement including at least a portion of the session information.

13. (original) The method of claim 12, further comprising:
starting a wait timer defining a waiting period to allow for reconnect of the mobile unit to the call; and
ending the call if the mobile unit is not reconnected to the call before expiration of the waiting period.

14. (new) In a wireless communication system wherein a call is established between a mobile unit and one or more participating units, the mobile unit being served by a first mobile switching center (MSC) when a service interruption is detected to the mobile unit, yielding a suspended call session, a method comprising a second MSC:
maintaining a database of session information associated with a plurality of suspended calls;
receiving a mobile-originated reconnect (MORC) message issued by the mobile unit, the MORC message indicating presence of the mobile unit within a location served by the second MSC and including a session identifier associated with the suspended call session;
querying the database for session information corresponding to the session identifier; and
if session information corresponding to the session identifier is not found, sending from the second MSC to the first MSC, a suspended call handoff request indicating presence of the mobile unit within the location served by the second MSC.

15. (new) The method of claim 14, further comprising the first MSC, responsive to receiving the suspended call handoff request from the second MSC:
retrieving session information associated with the interrupted call of the mobile unit; and
sending to the second MSC, a suspended call handoff acknowledgement including at least a portion of the session information.

16. (new) The method of claim 15, further comprising:

starting a wait timer defining a waiting period to allow for reconnect of the mobile unit to the call; and

ending the call if the mobile unit is not reconnected to the call before expiration of the waiting period.